

## **ABSTRACT OF THE DISCLOSURE**

An interface forming method includes forming a first layer containing a first chemical element and chemisorbing on the first layer an interface layer containing at least one monolayer of the first chemical element intermixed with a second chemical element different from the first chemical element. A second layer comprising the second chemical element can be formed on the interface layer. The first layer might not substantially contain the second chemical element, the second layer might not substantially contain the first chemical element, or both. An apparatus can include a first layer containing a first chemical element, an interface layer chemisorbed on the first layer, and a second layer containing a second element on the interface layer. The interface layer can contain at least one monolayer of the first chemical element intermixed with a second chemical element different from the first chemical element.